

Tony Azzarelli (FIET CEng MBA Dr.Eng)

Head of Space and Science Services, Principal Ofcom

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Career History

Head of Space and Science Services - Ofcom (UK)

from 2010

Key appointments:

- *Chairman of Conference Preparatory Group (CPG) Project Team A – WRC-15 matters;*
- *Chairman of European Communication Committee FM PT 44 – European space policy;*
- *Chairman of the UK Satellite Consultative Committee;*
- *Chairman of the UK International Frequency Policy Group WGB– WRC15 satellite matters.*

Driving UK's international and national spectrum policy for space and science services, including licensing, ITU filings/coordination and international representation.

Managing Director - Azzurra Telecom Access

2007 - 2010

Supported clients (e.g. ESA, Thuraya, Orange UK) at the ITU-R (SG4 – CPM text), CEPT (CPG-PTD preparation WRC07 AI 1.4), WRC-12 AI 1.11), IMO (GMDSS proposal), ICAO (WGF).

Deputy Director, International Regulatory Affairs Connexion by Boeing, The Boeing Company

2002 – 2007

Responsible for EMENA market access and licensing activities.

- Chairman of ETSI TC-SES Ku-AMSS team for the development of ETSI HS 302 186.
- Participated the ECC PT FM44 in the Development of Ku-band AMSS (ECC(05)11) and ESV ECC Decisions (ECC(05)10), as well as other satellite Decisions (LEST and HEST).
- Participated the ITU WRC03 for the AI 1.11 on AMSS secondary allocation at 14 GHz band.

Director Spectrum Affairs - ICO Global Communications UK

1997 – 2002

Responsible for global international spectrum agreements and market access.

- Participated at WRC97 and WRC00 for the 2 GHz MSS and 5/7 GHz FSS allocations.
- Participated in CEPT and ITU-R for the development of 5 GHz RLAN/WiFi system parameters.

Senior Engineer, Spectrum Management INMARSAT, U.K.

1994 – 1997

International frequency coordination of the INMARSAT and the ICO-P spectrum resources (e.g. Asia, Asia-Pacific, Middle-East, Russia, Canada). Attended meetings at the ITU-R and CEPT, leading to WRC-95 2GHz MSS allocations and WRC-97 5/7GHz FSS allocations.

Other Current Activities

- Lecturing PhD students at the University of Pisa (Italy) **2013**
 - Short course (20 hours) on International Regulations (ITU, CEPT, EU and ETSI).
- Undertaking studies for a Master Degree in Air and Space Law (LLM) **2013-15**
 - International Institute of Air and Space Law, Leiden Law School (The Netherlands).

Qualifications

Fellow and Chartered Engineer of the Institute Engineering and Technology (IET)	2009
Master Business Administration (Open University, London)	2001
ITU Certificate on Spectrum Management	1995
Post-Graduate Certificate at the International Space University	1993
Doctor Electronic Engineering (Politecnico di Torino, Italy)	1993

Associations

Member of the International Institute of Space Law (IISL)	2013
Board Member, Society of Satellite Professionals International (SSPI)	2011
Member of the Institution of Engineering and Technology (MIET)	2007

Publications and Presentations

Comparison between CDMA and COFDM, Globecom 1993, Huston Texas	1993
Interference from NGSO satellite systems, IEE/IEEE conference, London	1996
Connexion by Boeing satellite system, ESA/IEEE conference, Frascati, Italy	2004
Regulatory policies for future satellites in the Q/V bands, IET London	2011
UK regulatory framework for satellites – GVF Ka-band round table, London	2012
International regulatory affairs for satellites comms, International Space Conference	2013

Languages

English-Italian bilingual: lived in USA (1974-1981) and living in the UK since 1994.
Fluent in French: family, working and conversational experience.
Fair understanding of Spanish and Portuguese.